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September 12, 2003
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

ATWAL ET AL.

Examiner:

APPLICATION NO: UNKNOWN

FILED: HERewith

FOR: HETEROCYCLIC DIHYDROPYRIMIDINE COMPOUNDS

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is being filed concurrently with the application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Examiner's attention is drawn to the following references:

1. Li G-R, Feng J, Yue L, Carrier M, Nattel S. Evidence for two components of delayed rectifier K⁺ current in human ventricular myocytes. Circ Res. 1996; 78:689-696.
2. Feng J, Wible B, Li GR, Wang Z, Nattel S. Antisense oligodeoxynucleotides directed against Kv1.5 mRNA specifically inhibit ultrarapid delayed rectifier K⁺ current in cultured adult human atrial myocytes. Circ. Res. 1997 Apr; 80(4):572-579.

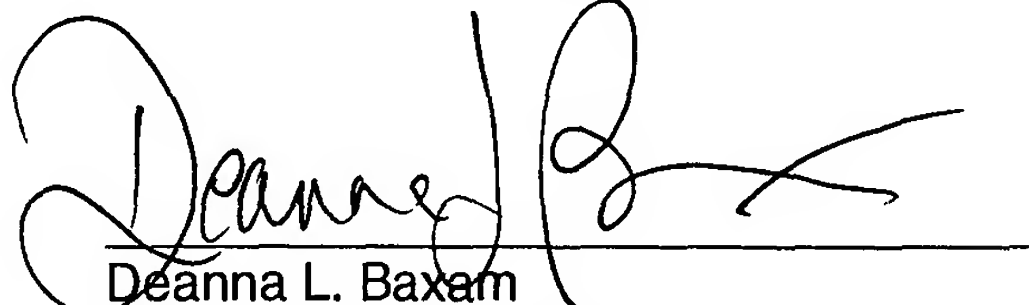
3. Amos GJ, Wettwer E, Metzger F, Li Q, Himmel HM, Ravens U. Differences between outward currents of human atrial and subepicardial ventricular myocytes. J Physiol (Lond). 1996; 491:31-50

The other listed references are of record in parent Application No. 09/729,731 filed December 5, 2000, and copies are available therein. However, applicants are willing to send copies of any or all of these references at the Examiner's request.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

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Respectfully submitted,



Deanna L. Baxam
Attorney for Applicants
Reg. No. 45,266

Date: September 12, 2003

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
HA726 DIV
APPLICATION NO.
Divisional of 09/729,731
APPLICANT
ATWAL ET AL.
FILING DATE

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	4,472,398	9/18/84	Meszaros et al.			
	AB	4,918,074	4/17/90	Tsuda et al.			
	AC	6,150,356	11/21/00	Lloyd et al.			
	AD	4,298,734	11/3/81	Temple, Jr.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	O 183 848 A1	6/11/86	European			<input type="checkbox"/>	<input type="checkbox"/>
	AN	O 217 142 A2	4/8/87	European			<input type="checkbox"/>	<input type="checkbox"/>
	AO	O 254 119 A1	1/27/88	European			<input type="checkbox"/>	<input type="checkbox"/>
	AP	O 304 001 A2	2/22/89	European			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	O 163 240 A2	12/4/85	European			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Li G-R, Feng J, Yue L, Carrier M, Nattel S. <u>Evidence for two components of delayed rectifier K⁺ current in human ventricular myocytes.</u> Circ Res. 1996; 78:689-696
	AS	Feng J, Wible B, Li GR, Wang Z, Nattel S. <u>Antisense oligodeoxynucleotides directed against Kv1.5 mRNA specifically inhibit ultrarapid delayed rectifier K⁺ current in cultured adult human atrial myocytes.</u> Circ. Res. 1997 Apr; 80(4):572-579
	AT	Amos GJ, Wettwer E, Metzger F, Li Q, Himmel HM, Ravens U. <u>Differences between outward currents of human atrial and subepicardial ventricular myocytes.</u> J Physiol (Lond). 1996; 491:31-50

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLAS S	TRANSLATION	
							YES	NO
	AA	0 565 096 B1	10/13/93	European			<input type="checkbox"/>	<input type="checkbox"/>
	AB	WO 85/04172	9/26/85	PCT (w/English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AC	WO 90/10632	9/20/90	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AD	WO 97/35550	10/2/97	PCT (w/English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AE	WO 93/14083	7/22/93	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AF	WO 98/18475	5/7/98	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AG	WO 98/18476	5/7/98	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AH	DE 3309432 A1	9/22/83	German (w/English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AI	JP 1-271751	10/30/89	Japan (w/English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AJ	JP 8-301871	11/19/96	Japan (w/English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AK	JP 63-107983	5/12/88	Japan (w/English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AL	JP 63-60985	3/17/88	Japan (w/English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
	AM	JP 61-227584	10/9/86	Japan (w/English Abstract)			<input type="checkbox"/>	<input type="checkbox"/>
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	AZ						<input type="checkbox"/>	<input type="checkbox"/>

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